

Work Order ID 54324-1

December 8, 2009 8:32:56 AM



Page 1

Item ID: D3782-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Front Inboard Leg Assembly

Start Date: 07/12/2009 Start Qty: 20.00

Required Date: 21/12/2009 Req'd Qty: 20.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3782

Rev A

100

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

110

Small Fab

0.00



Small Fab

Memo

0.00

Small Fab

1-assemble as per dwg D3782****install AN45-13A eye bolt as shown for
D412-769-041****install AN45-13A eye bolt in reverse for D412-769-
042****

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

10/01/13 (15)

10/01/13 (15)

80 10/01/13 (15)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 54324

December 8, 2009 8:32:56 AM



Page 2

Item ID:	D3782-041	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Front Inboard Leg Assembly					
Start Date:	07/12/2009	Start Qty:	20.00		Cust Item ID:	
Required Date:	21/12/2009	Req'd Qty:	20.00		Customer:	
Reference:						

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Identify as per dwg & Stock Location <u>249</u>	0.00							
Packaging	Memo	0.00							
Packaging									
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

10-1-13 (102) SP

10/01/18

MF 10-1-18

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 8, 2009 8:33:00 AM

Page 1

Work Order ID: 54324



Parent Item: D3782-041



Parent Item Name: Front Inboard Leg Assembly

Start Date: 07/12/2009

Required Date: 21/12/2009

Comments:

Start Qty: 20.00

Required Qty: 20.00

Component Item #9/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN45-13A

Purchased

No

110

Each

31.0000

20.0000



EYE BOLT

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

31

109712

4

111975

27

Handwritten: 10/01/13
M113509 (15x)

AN5-13A

Purchased

No

110

Each

252.0000

20.0000



Bolt

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

252

104936

3

108167

8

110363

14

112492

10

112641

17

113237

200

Handwritten: 10/01/13
15

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 8, 2009 8:33:00 AM

Work Order ID: 54324



Parent Item: D3782-041



Parent Item Name: Front Inboard Leg Assembly

Start Date: 07/12/2009

Required Date: 21/12/2009

Comments:

Start Qty: 20.00

Required Qty: 20.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN960JD516

Purchased

No

110

Each

976.0000

60.0000



Washer

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

976

110363

46

110523

57

111279

39

112082

64

112314

14

112828

256

113149

500

EB10/01/13

M112794

D3762-041

Manufactured

No

110

Each

0.0000

20.0000



Front Leg Fitting Assembly

D3768-1

Manufactured

No

110

Each

10.0000

20.0000



Front Inboard Leg

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

10

46755

10

EB10/01/13

EB10/01/13

5

B54336 *10x*

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 8, 2009 8:33:00 AM

Work Order ID: 54324



Parent Item: D3782-041



Parent Item Name: Front Inboard Leg Assembly


Start Date: 07/12/2009

Required Date: 21/12/2009

Comments:

Start Qty: 20.00

Required Qty: 20.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3787-1  Foot		Manufactured	No			110	Each	36.0000	20.0000			

Warehouse

Loc Qty

Loc Code

Location

B 54337

(B4)

Main Warehouse

ST

36

39397

3

46597

33

MS21042L5

Purchased

No



Nut

110

Each

730.0000

40.0000

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

730

110382

10

111636

11

112314

709

EP 10/01/13

EP 10/01/13

2

30

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

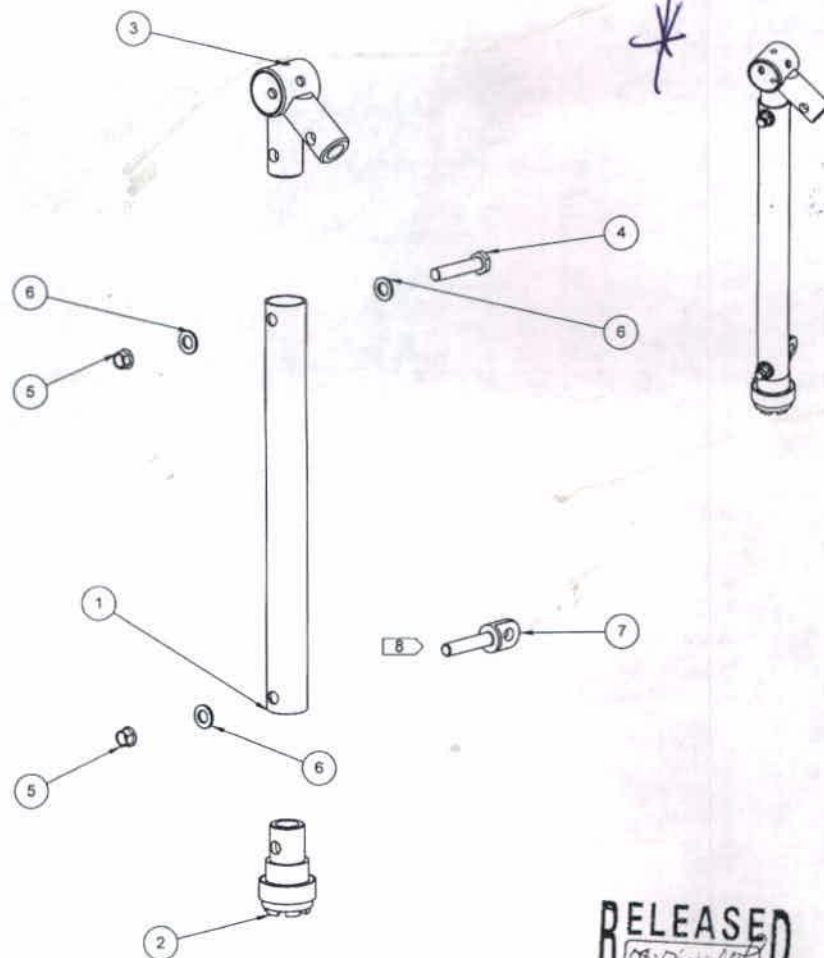
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-041)
1	D3768-1	FRONT INBOARD LEG	1
2	D3787-1	FOOT	1
3	D3762-041	FRONT LEG FITTING ASSY	1
4	AN5-13A	BOLT	1
5	MS21042L5	NUT	2
6	NAS1149D0568J	WASHER (AN960JD516)	3
7	AN45-13A	EYE BOLT	1

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO 54324
09-12-8



RELEASED
08-06-04

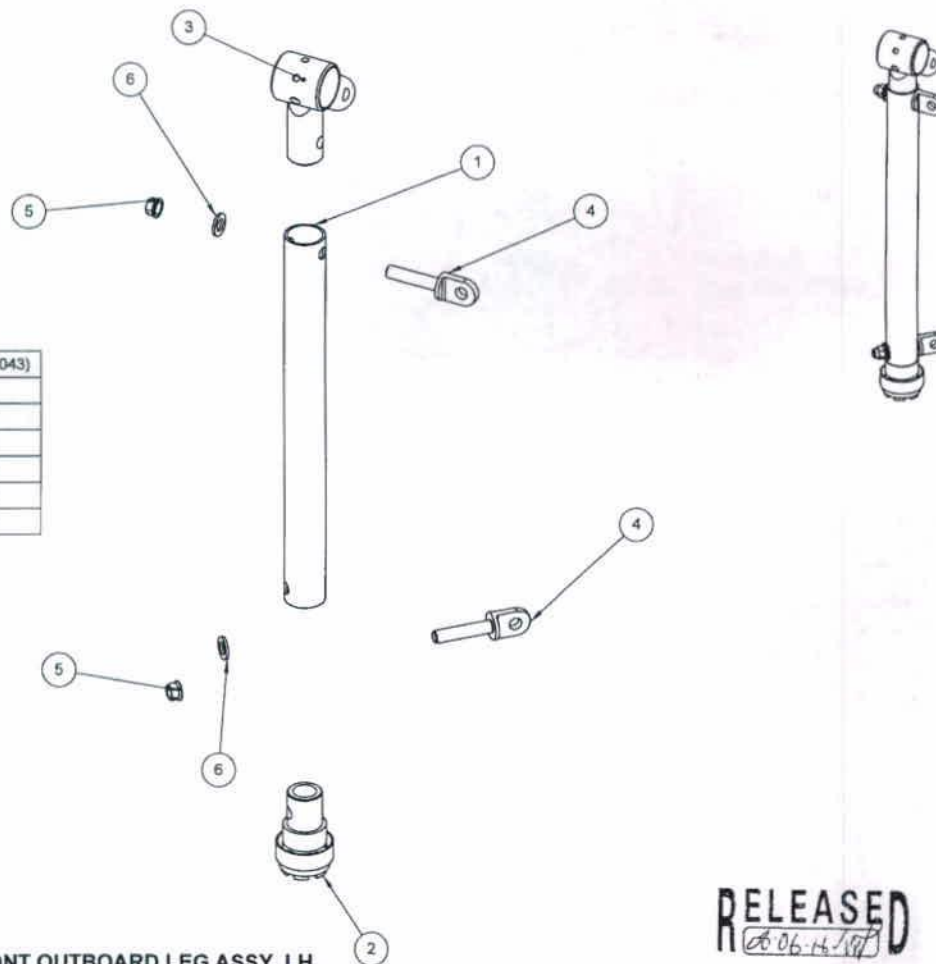
D3782-041 FRONT INBOARD LEG ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.42 lbs
- 8) ITEM 6 (AN45-13A EYE BOLT) INSTALLED AS SHOWN FOR D412-769-041 AFT FACING SEAT, LH
INSTALLED IN REVERSE FOR D412-769-042 AFT FACING SEAT, RH

A NEW ISSUE		HS	08.06.04
REV.	DESCRIPTION	BY	DATE
DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED	HS	DRAWING NO.	REV. A
MFG. APPR.	HS	D3782	SHEET 1 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	HS	LEG ASSEMBLY	NTS
DATE	08.06.04	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-043)
1	D3768-3	FRONT OUTBOARD LEG, LH	1
2	D3787-1	FOOT	1
3	D3762-041	FRONT LEG FITTING ASSY	1
4	AN45-13A	EYE BOLT	2
5	MS21042L5	NUT	2
6	NAS1149D0568J	WASHER (AN960JD516)	2



D3782-043 FRONT OUTBOARD LEG ASSY, LH

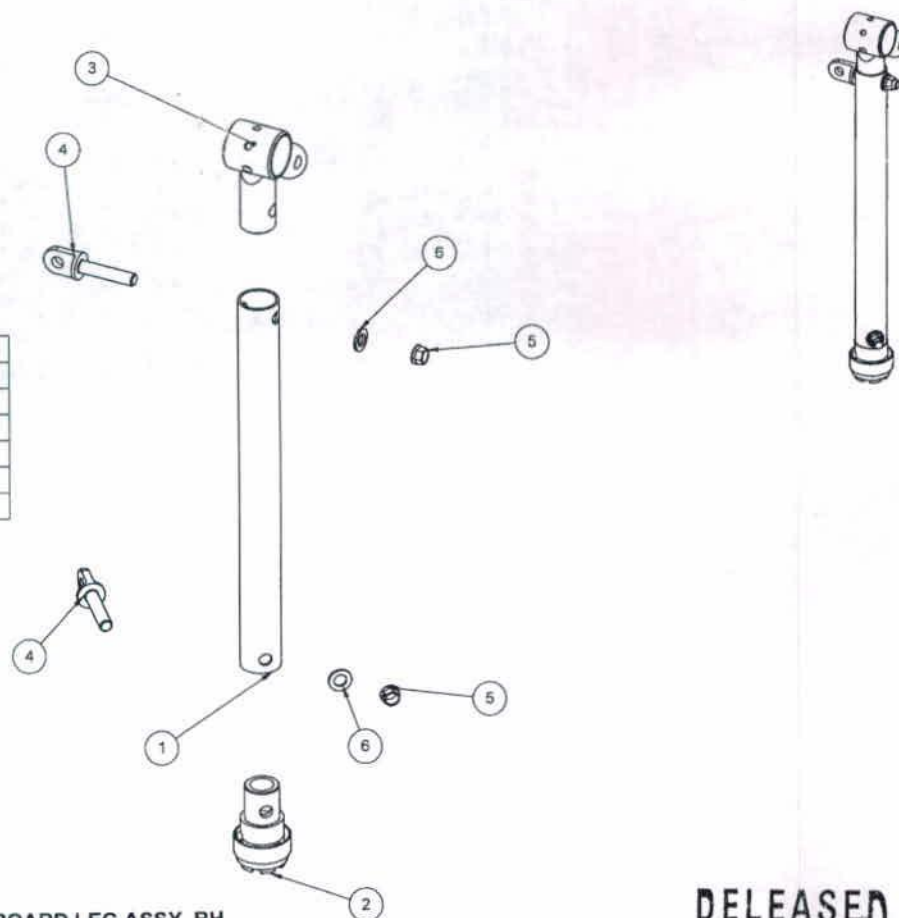
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.42 lbs

RELEASED
06-14-19

DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3782	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		LEG ASSEMBLY	NTS
DATE	08.06.04	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND IS SUPPLIED BY THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-044)
1	D3768-4	FRONT OUTBOARD LEG, RH	1
2	D3787-1	FOOT	1
3	D3762-041	FRONT LEG FITTING ASSY	1
4	AN45-13A	EYE BOLT	2
5	MS21042L5	NUT	2
6	NAS1149D0568J	WASHER (AN960JD516)	2



D3782-044 FRONT OUTBOARD LEG ASSY, RH

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.42 lbs

DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D3782 TITLE LEG ASSEMBLY COPYRIGHT © 2008 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	REV. A
DRAWN	HS		SHEET 3 OF 4
CHECKED			SCALE
MFG. APPR.			NTS
APPROVED			
DE APPR.			
DATE	08.06.04		

RELEASED
 08-06-16/16

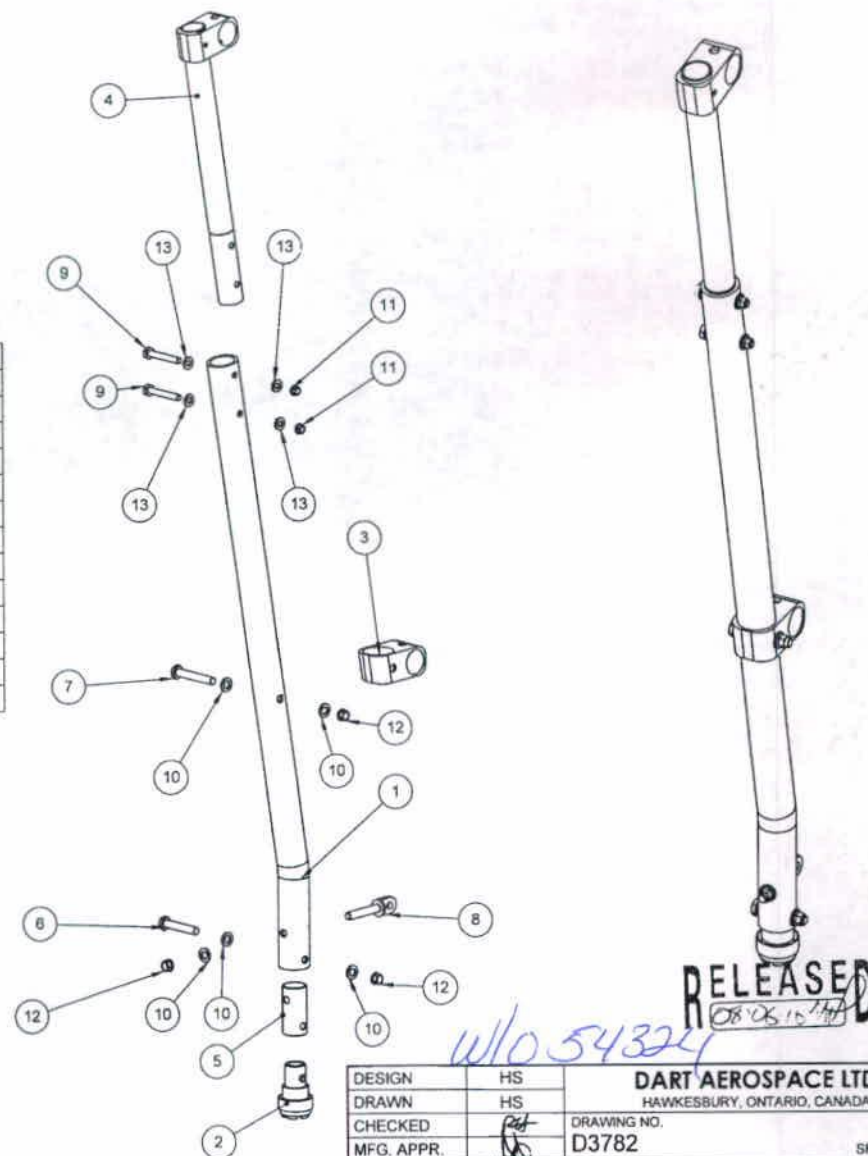
WLO 54324

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-045)
1	D3772-1	BACK LEG	1
2	D3787-1	FOOT	1
3	D3764-1	BACK LEG FITTING	1
4	D3773-041	HEAD REST ADAPTER ASSY	1
5	D3786-1	SLEEVE	1
6	AN5-15A	BOLT	1
7	AN5-17A	BOLT	1
8	AN45-15A	EYE BOLT	1
9	AN4-15A	BOLT	2
10	NAS1149D0568J	WASHER (AN960JD516)	5
11	MS21042L4	NUT	2
12	MS21042L5	NUT	3
13	NAS1149D0463J	WASHER (AN960JD416)	4

D3782-045 BACK LEG ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 4.71 lbs



DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. A
DRAWN	HS		
CHECKED		DRAWING NO. D3782	SHEET 4 OF 4
MFG. APPR.		TITLE LEG ASSEMBLY	SCALE NTS
APPROVED		COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER UNLESS AUTHORIZED BY DART AEROSPACE LTD.	
DE APPR.			
DATE	08.06.04		